

Dividing Fractions (A)

Find the value of each expression in lowest terms.

$$1. \frac{5}{2} \div \frac{5}{6} \div 1\frac{1}{4}$$

$$4. \frac{13}{2} \div 1\frac{1}{5} \div \frac{5}{2}$$

$$7. \frac{4}{7} \div \left(1\frac{2}{3} \div \frac{1}{2}\right)$$

$$2. \frac{13}{8} \div 1\frac{1}{6} \div \frac{6}{5}$$

$$5. \frac{1}{4} \div 3\frac{1}{3} \div \frac{13}{10}$$

$$8. \frac{17}{4} \div \left(\frac{17}{10} \div \frac{2}{3}\right)$$

$$3. \frac{13}{10} \div \frac{7}{3} \div 1\frac{1}{5}$$

$$6. \frac{5}{6} \div \frac{5}{3} \div 4\frac{2}{3}$$

$$9. 1\frac{3}{8} \div \frac{1}{6} \div \frac{1}{2}$$

Dividing Fractions (A) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{5}{2} \div \frac{5}{6} \div 1\frac{1}{4} \\ & = \frac{12}{5} = 2\frac{2}{5} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{13}{2} \div 1\frac{1}{5} \div \frac{5}{2} \\ & = \frac{13}{6} = 2\frac{1}{6} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{4}{7} \div \left(1\frac{2}{3} \div \frac{1}{2}\right) \\ & = \frac{6}{35} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{13}{8} \div 1\frac{1}{6} \div \frac{6}{5} \\ & = \frac{65}{56} = 1\frac{9}{56} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{1}{4} \div 3\frac{1}{3} \div \frac{13}{10} \\ & = \frac{3}{52} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{17}{4} \div \left(\frac{17}{10} \div \frac{2}{3}\right) \\ & = \frac{5}{3} = 1\frac{2}{3} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{13}{10} \div \frac{7}{3} \div 1\frac{1}{5} \\ & = \frac{13}{28} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{5}{6} \div \frac{5}{3} \div 4\frac{2}{3} \\ & = \frac{3}{28} \end{aligned}$$

$$\begin{aligned} 9. \quad & 1\frac{3}{8} \div \frac{1}{6} \div \frac{1}{2} \\ & = \frac{33}{2} = 16\frac{1}{2} \end{aligned}$$

Dividing Fractions (B)

Find the value of each expression in lowest terms.

1. $\frac{16}{9} \div \left(1\frac{7}{10} \div 2\frac{5}{6}\right)$

4. $2\frac{1}{2} \div \left(\frac{15}{2} \div \frac{9}{5}\right)$

7. $\frac{5}{7} \div \left(1\frac{1}{4} \div \frac{2}{5}\right)$

2. $\frac{11}{4} \div \left(\frac{1}{3} \div \frac{5}{2}\right)$

5. $1\frac{1}{4} \div \frac{8}{9} \div 3\frac{3}{5}$

8. $1\frac{2}{5} \div \left(\frac{7}{3} \div 1\frac{5}{8}\right)$

3. $\frac{17}{4} \div 2\frac{2}{5} \div \frac{5}{9}$

6. $\frac{9}{7} \div \frac{7}{5} \div \frac{1}{7}$

9. $\frac{5}{3} \div \left(1\frac{1}{4} \div 1\frac{2}{3}\right)$

Dividing Fractions (B) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{16}{9} \div \left(1\frac{7}{10} \div 2\frac{5}{6} \right) \\ & = \frac{80}{27} = 2\frac{26}{27} \end{aligned}$$

$$\begin{aligned} 4. \quad & 2\frac{1}{2} \div \left(\frac{15}{2} \div \frac{9}{5} \right) \\ & = \frac{3}{5} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{5}{7} \div \left(1\frac{1}{4} \div \frac{2}{5} \right) \\ & = \frac{8}{35} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{11}{4} \div \left(\frac{1}{3} \div \frac{5}{2} \right) \\ & = \frac{165}{8} = 20\frac{5}{8} \end{aligned}$$

$$\begin{aligned} 5. \quad & 1\frac{1}{4} \div \frac{8}{9} \div 3\frac{3}{5} \\ & = \frac{25}{64} \end{aligned}$$

$$\begin{aligned} 8. \quad & 1\frac{2}{5} \div \left(\frac{7}{3} \div 1\frac{5}{8} \right) \\ & = \frac{39}{40} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{17}{4} \div 2\frac{2}{5} \div \frac{5}{9} \\ & = \frac{51}{16} = 3\frac{3}{16} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{9}{7} \div \frac{7}{5} \div \frac{1}{7} \\ & = \frac{45}{7} = 6\frac{3}{7} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{5}{3} \div \left(1\frac{1}{4} \div 1\frac{2}{3} \right) \\ & = \frac{20}{9} = 2\frac{2}{9} \end{aligned}$$

Dividing Fractions (C)

Find the value of each expression in lowest terms.

$$1. 2\frac{3}{5} \div \left(\frac{9}{4} \div \frac{5}{8} \right)$$

$$4. \frac{4}{3} \div \frac{9}{10} \div \frac{7}{9}$$

$$7. \frac{1}{6} \div \left(2\frac{6}{7} \div \frac{3}{2} \right)$$

$$2. \frac{1}{5} \div \left(1\frac{3}{8} \div \frac{11}{6} \right)$$

$$5. \frac{2}{9} \div \frac{2}{3} \div 2\frac{6}{7}$$

$$8. \frac{15}{8} \div \left(\frac{18}{5} \div \frac{2}{5} \right)$$

$$3. \frac{8}{9} \div \frac{5}{2} \div \frac{7}{10}$$

$$6. \frac{1}{2} \div \left(\frac{5}{7} \div 1\frac{1}{2} \right)$$

$$9. \frac{5}{7} \div \left(\frac{8}{9} \div \frac{2}{3} \right)$$

Dividing Fractions (C) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 2\frac{3}{5} \div \left(\frac{9}{4} \div \frac{5}{8} \right) \\ & = \frac{13}{18} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{4}{3} \div \frac{9}{10} \div \frac{7}{9} \\ & = \frac{40}{21} = 1\frac{19}{21} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{1}{6} \div \left(2\frac{6}{7} \div \frac{3}{2} \right) \\ & = \frac{7}{80} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{1}{5} \div \left(1\frac{3}{8} \div \frac{11}{6} \right) \\ & = \frac{4}{15} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{2}{9} \div \frac{2}{3} \div 2\frac{6}{7} \\ & = \frac{7}{60} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{15}{8} \div \left(\frac{18}{5} \div \frac{2}{5} \right) \\ & = \frac{5}{24} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{8}{9} \div \frac{5}{2} \div \frac{7}{10} \\ & = \frac{32}{63} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{1}{2} \div \left(\frac{5}{7} \div 1\frac{1}{2} \right) \\ & = \frac{21}{20} = 1\frac{1}{20} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{5}{7} \div \left(\frac{8}{9} \div \frac{2}{3} \right) \\ & = \frac{15}{28} \end{aligned}$$

Dividing Fractions (D)

Find the value of each expression in lowest terms.

$$1. \frac{5}{3} \div \left(\frac{4}{7} \div \frac{18}{7} \right)$$

$$4. \frac{1}{4} \div \frac{19}{9} \div \frac{5}{8}$$

$$7. \frac{1}{2} \div \frac{1}{4} \div \frac{7}{5}$$

$$2. \frac{7}{8} \div 1\frac{3}{5} \div \frac{5}{4}$$

$$5. 1\frac{7}{9} \div \frac{1}{2} \div 2\frac{1}{2}$$

$$8. \frac{1}{2} \div \frac{4}{5} \div \frac{10}{3}$$

$$3. \frac{11}{4} \div \left(\frac{19}{4} \div \frac{5}{3} \right)$$

$$6. 3\frac{1}{5} \div \left(5\frac{2}{3} \div 2\frac{1}{4} \right)$$

$$9. \frac{2}{9} \div \left(1\frac{4}{5} \div \frac{18}{5} \right)$$

Dividing Fractions (D) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{5}{3} \div \left(\frac{4}{7} \div \frac{18}{7} \right) \\ & = \frac{15}{2} = 7\frac{1}{2} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{1}{4} \div \frac{19}{9} \div \frac{5}{8} \\ & = \frac{18}{95} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{1}{2} \div \frac{1}{4} \div \frac{7}{5} \\ & = \frac{10}{7} = 1\frac{3}{7} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{7}{8} \div 1\frac{3}{5} \div \frac{5}{4} \\ & = \frac{7}{16} \end{aligned}$$

$$\begin{aligned} 5. \quad & 1\frac{7}{9} \div \frac{1}{2} \div 2\frac{1}{2} \\ & = \frac{64}{45} = 1\frac{19}{45} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{1}{2} \div \frac{4}{5} \div \frac{10}{3} \\ & = \frac{3}{16} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{11}{4} \div \left(\frac{19}{4} \div \frac{5}{3} \right) \\ & = \frac{55}{57} \end{aligned}$$

$$\begin{aligned} 6. \quad & 3\frac{1}{5} \div \left(5\frac{2}{3} \div 2\frac{1}{4} \right) \\ & = \frac{108}{85} = 1\frac{23}{85} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{2}{9} \div \left(1\frac{4}{5} \div \frac{18}{5} \right) \\ & = \frac{4}{9} \end{aligned}$$

Dividing Fractions (E)

Find the value of each expression in lowest terms.

$$1. 1\frac{1}{9} \div \left(\frac{3}{4} \div \frac{1}{6} \right)$$

$$4. 1\frac{7}{10} \div \left(4\frac{1}{3} \div \frac{13}{2} \right)$$

$$7. 2\frac{1}{7} \div \left(1\frac{1}{2} \div \frac{1}{2} \right)$$

$$2. \frac{4}{7} \div \left(\frac{4}{3} \div \frac{6}{7} \right)$$

$$5. \frac{11}{7} \div \left(1\frac{5}{9} \div \frac{20}{9} \right)$$

$$8. \frac{2}{7} \div \frac{5}{2} \div \frac{5}{7}$$

$$3. \frac{1}{2} \div \left(\frac{1}{5} \div \frac{1}{5} \right)$$

$$6. \frac{5}{7} \div \frac{13}{8} \div \frac{3}{7}$$

$$9. \frac{3}{4} \div \frac{1}{5} \div \frac{11}{6}$$

Dividing Fractions (E) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 1\frac{1}{9} \div \left(\frac{3}{4} \div \frac{1}{6} \right) \\ & = \frac{20}{81} \end{aligned}$$

$$\begin{aligned} 4. \quad & 1\frac{7}{10} \div \left(4\frac{1}{3} \div \frac{13}{2} \right) \\ & = \frac{51}{20} = 2\frac{11}{20} \end{aligned}$$

$$\begin{aligned} 7. \quad & 2\frac{1}{7} \div \left(1\frac{1}{2} \div \frac{1}{2} \right) \\ & = \frac{5}{7} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{4}{7} \div \left(\frac{4}{3} \div \frac{6}{7} \right) \\ & = \frac{18}{49} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{11}{7} \div \left(1\frac{5}{9} \div \frac{20}{9} \right) \\ & = \frac{110}{49} = 2\frac{12}{49} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{2}{7} \div \frac{5}{2} \div \frac{5}{7} \\ & = \frac{4}{25} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{1}{2} \div \left(\frac{1}{5} \div \frac{1}{5} \right) \\ & = \frac{1}{2} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{5}{7} \div \frac{13}{8} \div \frac{3}{7} \\ & = \frac{40}{39} = 1\frac{1}{39} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{3}{4} \div \frac{1}{5} \div \frac{11}{6} \\ & = \frac{45}{22} = 2\frac{1}{22} \end{aligned}$$

Dividing Fractions (F)

Find the value of each expression in lowest terms.

1. $\frac{13}{10} \div \frac{1}{4} \div \frac{14}{5}$

4. $1\frac{7}{8} \div 1\frac{7}{8} \div 4\frac{1}{4}$

7. $\frac{10}{9} \div \frac{7}{9} \div \frac{3}{4}$

2. $\frac{7}{3} \div \left(\frac{11}{4} \div 1\frac{6}{7} \right)$

5. $4\frac{1}{2} \div \frac{7}{3} \div \frac{1}{2}$

8. $\frac{2}{3} \div 2\frac{1}{4} \div \frac{10}{3}$

3. $1\frac{3}{4} \div \frac{3}{2} \div \frac{7}{5}$

6. $\frac{9}{2} \div \left(\frac{3}{10} \div \frac{5}{9} \right)$

9. $\frac{3}{10} \div \left(\frac{4}{5} \div \frac{13}{4} \right)$

Dividing Fractions (F) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{13}{10} \div \frac{1}{4} \div \frac{14}{5} \\ & = \frac{13}{7} = 1\frac{6}{7} \end{aligned}$$

$$\begin{aligned} 4. \quad & 1\frac{7}{8} \div 1\frac{7}{8} \div 4\frac{1}{4} \\ & = \frac{4}{17} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{10}{9} \div \frac{7}{9} \div \frac{3}{4} \\ & = \frac{40}{21} = 1\frac{19}{21} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{7}{3} \div \left(\frac{11}{4} \div 1\frac{6}{7} \right) \\ & = \frac{52}{33} = 1\frac{19}{33} \end{aligned}$$

$$\begin{aligned} 5. \quad & 4\frac{1}{2} \div \frac{7}{3} \div \frac{1}{2} \\ & = \frac{27}{7} = 3\frac{6}{7} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{2}{3} \div 2\frac{1}{4} \div \frac{10}{3} \\ & = \frac{4}{45} \end{aligned}$$

$$\begin{aligned} 3. \quad & 1\frac{3}{4} \div \frac{3}{2} \div \frac{7}{5} \\ & = \frac{5}{6} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{9}{2} \div \left(\frac{3}{10} \div \frac{5}{9} \right) \\ & = \frac{25}{3} = 8\frac{1}{3} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{3}{10} \div \left(\frac{4}{5} \div \frac{13}{4} \right) \\ & = \frac{39}{32} = 1\frac{7}{32} \end{aligned}$$

Dividing Fractions (G)

Find the value of each expression in lowest terms.

$$1. \frac{3}{4} \div \frac{1}{3} \div \frac{3}{10}$$

$$4. \frac{16}{7} \div \left(2\frac{1}{6} \div \frac{1}{2} \right)$$

$$7. 1\frac{4}{5} \div \left(\frac{15}{2} \div \frac{13}{9} \right)$$

$$2. 2\frac{1}{6} \div \frac{3}{4} \div 1\frac{3}{4}$$

$$5. 1\frac{2}{3} \div \left(\frac{5}{8} \div \frac{7}{3} \right)$$

$$8. \frac{15}{2} \div \left(\frac{15}{2} \div \frac{1}{10} \right)$$

$$3. \frac{1}{4} \div \left(\frac{11}{9} \div 3\frac{2}{3} \right)$$

$$6. 2\frac{1}{5} \div 1\frac{2}{9} \div 1\frac{3}{5}$$

$$9. \frac{3}{10} \div 3\frac{2}{5} \div \frac{1}{3}$$

Dividing Fractions (G) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{3}{4} \div \frac{1}{3} \div \frac{3}{10} \\ & = \frac{15}{2} = 7\frac{1}{2} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{16}{7} \div \left(2\frac{1}{6} \div \frac{1}{2} \right) \\ & = \frac{48}{91} \end{aligned}$$

$$\begin{aligned} 7. \quad & 1\frac{4}{5} \div \left(\frac{15}{2} \div \frac{13}{9} \right) \\ & = \frac{26}{75} \end{aligned}$$

$$\begin{aligned} 2. \quad & 2\frac{1}{6} \div \frac{3}{4} \div 1\frac{3}{4} \\ & = \frac{104}{63} = 1\frac{41}{63} \end{aligned}$$

$$\begin{aligned} 5. \quad & 1\frac{2}{3} \div \left(\frac{5}{8} \div \frac{7}{3} \right) \\ & = \frac{56}{9} = 6\frac{2}{9} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{15}{2} \div \left(\frac{15}{2} \div \frac{1}{10} \right) \\ & = \frac{1}{10} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{1}{4} \div \left(\frac{11}{9} \div 3\frac{2}{3} \right) \\ & = \frac{3}{4} \end{aligned}$$

$$\begin{aligned} 6. \quad & 2\frac{1}{5} \div 1\frac{2}{9} \div 1\frac{3}{5} \\ & = \frac{9}{8} = 1\frac{1}{8} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{3}{10} \div 3\frac{2}{5} \div \frac{1}{3} \\ & = \frac{9}{34} \end{aligned}$$

Dividing Fractions (H)

Find the value of each expression in lowest terms.

1. $1\frac{7}{10} \div \frac{4}{5} \div \frac{6}{7}$

4. $\frac{6}{7} \div \left(2\frac{2}{5} \div \frac{1}{10}\right)$

7. $\frac{1}{2} \div 1\frac{1}{2} \div \frac{2}{3}$

2. $\frac{20}{7} \div \frac{9}{2} \div \frac{2}{5}$

5. $\frac{17}{2} \div \left(6\frac{2}{3} \div 1\frac{1}{4}\right)$

8. $\frac{2}{5} \div \left(\frac{4}{3} \div \frac{19}{6}\right)$

3. $2\frac{1}{3} \div \frac{1}{4} \div \frac{2}{3}$

6. $9\frac{1}{2} \div \frac{5}{2} \div \frac{15}{7}$

9. $\frac{3}{5} \div \frac{3}{7} \div \frac{3}{8}$

Dividing Fractions (H) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 1\frac{7}{10} \div \frac{4}{5} \div \frac{6}{7} \\ & = \frac{119}{48} = 2\frac{23}{48} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{6}{7} \div \left(2\frac{2}{5} \div \frac{1}{10} \right) \\ & = \frac{1}{28} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{1}{2} \div 1\frac{1}{2} \div \frac{2}{3} \\ & = \frac{1}{2} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{20}{7} \div \frac{9}{2} \div \frac{2}{5} \\ & = \frac{100}{63} = 1\frac{37}{63} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{17}{2} \div \left(6\frac{2}{3} \div 1\frac{1}{4} \right) \\ & = \frac{51}{32} = 1\frac{19}{32} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{2}{5} \div \left(\frac{4}{3} \div \frac{19}{6} \right) \\ & = \frac{19}{20} \end{aligned}$$

$$\begin{aligned} 3. \quad & 2\frac{1}{3} \div \frac{1}{4} \div \frac{2}{3} \\ & = 14 \end{aligned}$$

$$\begin{aligned} 6. \quad & 9\frac{1}{2} \div \frac{5}{2} \div \frac{15}{7} \\ & = \frac{133}{75} = 1\frac{58}{75} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{3}{5} \div \frac{3}{7} \div \frac{3}{8} \\ & = \frac{56}{15} = 3\frac{11}{15} \end{aligned}$$

Dividing Fractions (I)

Find the value of each expression in lowest terms.

$$1. \frac{3}{4} \div \left(\frac{3}{4} \div 1\frac{2}{3} \right)$$

$$4. \frac{2}{5} \div 1\frac{3}{10} \div 2\frac{2}{9}$$

$$7. \frac{10}{3} \div \left(\frac{1}{7} \div \frac{4}{5} \right)$$

$$2. \frac{4}{5} \div \frac{7}{10} \div \frac{5}{2}$$

$$5. \frac{10}{3} \div \frac{1}{2} \div \frac{4}{7}$$

$$8. \frac{17}{3} \div \frac{5}{4} \div \frac{1}{3}$$

$$3. \frac{5}{2} \div \frac{8}{3} \div \frac{6}{7}$$

$$6. \frac{19}{3} \div \left(2\frac{5}{6} \div 3\frac{2}{5} \right)$$

$$9. \frac{5}{2} \div 1\frac{5}{6} \div \frac{1}{2}$$

Dividing Fractions (I) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{3}{4} \div \left(\frac{3}{4} \div 1\frac{2}{3} \right) \\ & = \frac{5}{3} = 1\frac{2}{3} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{2}{5} \div 1\frac{3}{10} \div 2\frac{2}{9} \\ & = \frac{9}{65} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{10}{3} \div \left(\frac{1}{7} \div \frac{4}{5} \right) \\ & = \frac{56}{3} = 18\frac{2}{3} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{4}{5} \div \frac{7}{10} \div \frac{5}{2} \\ & = \frac{16}{35} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{10}{3} \div \frac{1}{2} \div \frac{4}{7} \\ & = \frac{35}{3} = 11\frac{2}{3} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{17}{3} \div \frac{5}{4} \div \frac{1}{3} \\ & = \frac{68}{5} = 13\frac{3}{5} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{5}{2} \div \frac{8}{3} \div \frac{6}{7} \\ & = \frac{35}{32} = 1\frac{3}{32} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{19}{3} \div \left(2\frac{5}{6} \div 3\frac{2}{5} \right) \\ & = \frac{38}{5} = 7\frac{3}{5} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{5}{2} \div 1\frac{5}{6} \div \frac{1}{2} \\ & = \frac{30}{11} = 2\frac{8}{11} \end{aligned}$$

Dividing Fractions (J)

Find the value of each expression in lowest terms.

1. $1\frac{8}{9} \div \frac{2}{3} \div \frac{13}{7}$

4. $\frac{8}{5} \div 3\frac{1}{6} \div \frac{2}{3}$

7. $\frac{1}{4} \div \left(\frac{1}{2} \div \frac{5}{6}\right)$

2. $\frac{14}{3} \div \frac{1}{10} \div \frac{7}{5}$

5. $\frac{5}{3} \div \frac{1}{4} \div 2\frac{2}{3}$

8. $\frac{5}{8} \div \left(2\frac{1}{8} \div 1\frac{4}{5}\right)$

3. $\frac{5}{3} \div \left(2\frac{2}{3} \div 1\frac{2}{5}\right)$

6. $\frac{15}{8} \div \left(\frac{5}{9} \div \frac{13}{3}\right)$

9. $\frac{3}{7} \div \left(\frac{1}{4} \div \frac{19}{3}\right)$

Dividing Fractions (J) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 1\frac{8}{9} \div \frac{2}{3} \div \frac{13}{7} \\ & = \frac{119}{78} = 1\frac{41}{78} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{8}{5} \div 3\frac{1}{6} \div \frac{2}{3} \\ & = \frac{72}{95} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{1}{4} \div \left(\frac{1}{2} \div \frac{5}{6} \right) \\ & = \frac{5}{12} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{14}{3} \div \frac{1}{10} \div \frac{7}{5} \\ & = \frac{100}{3} = 33\frac{1}{3} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{5}{3} \div \frac{1}{4} \div 2\frac{2}{3} \\ & = \frac{5}{2} = 2\frac{1}{2} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{5}{8} \div \left(2\frac{1}{8} \div 1\frac{4}{5} \right) \\ & = \frac{9}{17} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{5}{3} \div \left(2\frac{2}{3} \div 1\frac{2}{5} \right) \\ & = \frac{7}{8} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{15}{8} \div \left(\frac{5}{9} \div \frac{13}{3} \right) \\ & = \frac{117}{8} = 14\frac{5}{8} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{3}{7} \div \left(\frac{1}{4} \div \frac{19}{3} \right) \\ & = \frac{76}{7} = 10\frac{6}{7} \end{aligned}$$